

APPENDIX A

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RESULT 2
US-09-946-374-85
; Sequence 85, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; CURRENT FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
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; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807

Query Match 98.3%; Score 3261; DB 10; Length 3316;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3311; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CATGGCCTGACTCGGGACAGCTAGAGCAGGGCAGAACACTGGGGACACTCTGGCCGGCCT 60
Db 5 CATGGCCTGACTCGGGACAGCTAGAGCAGGGCAGAACACTGGGGACACTCTGGCCGGCCT 64

Qy 61 TCTGCCTGCATGGACGCTCTGAAGCCACCCTGTCTCTGGAGGAACCACGAGCGAGGGAAAG 120
Db 65 TCTGCCTGCATGGACGCTCTGAAGCCACCCTGTCTCTGGAGGAACCACGAGCGAGGGAAAG 124

Qy 121 AAGGACAGGGACTCGTGTGGCAGGAAGAACCTCAGAGCCGGAAAGCCCCATTCACTAGAA 180
Db 125 AAGGACAGGGACTCGTGTGGCAGGAAGAACCTCAGAGCCGGAAAGCCCCATTCACTAGAA 184

Qy 181 GCACTGAGAGATCGGCCCGCCCTCGCAGGGTCTGAATTCTGCTGTTACAAAGATG 240
Db 185 GCACTGAGAGATCGGCCCGCCCTCGCAGGGTCTGAATTCTGCTGTTACAAAGATG 244

Qy 241 CTTTTTATCTTAACCTTTGTTTCCCCACTTCGACCCCGGCTTGATCTGCATCTG 300
Db 245 CTTTTTATCTTAACCTTTGTTTCCCCACTTCGACCCCGGCTTGATCTGCATCTG 304

Qy 301 ACATTTGGAGCTGCCATCTCTTGTGGCTGATCACAGACCTCAACCCGCTTACCTCTT 360
Db 305 ACATTTGGAGCTGCCATCTCTTGTGGCTGATCACAGACCTCAACCCGCTTACCTCTT 364

Qy 361 CTTGACCTGAACAATCAGTCTGTGGGAATTGAGGGAGGAGCACCGAAGGGGTTCCAG 420
Db 365 CTTGACCTGAACAATCAGTCTGTGGGAATTGAGGGAGGAGCACCGAAGGGGTTCCAG 424

Qy 421 AAGAACAAATGACCTAACAAAGTTGCTGCTCTCAGATGCCAACACTATGTATGAGGTTTC 480
Db 425 AAGAACAAATGACCTAACAAAGTTGCTGCTCTCAGATGCCAACACTATGTATGAGGTTTC 484

Qy 481 CAAAGAGGACTCGCTGTGCTGACAATGGCCCTGCTTGGATATAGAAAACCAAACAG 540
Db 485 CAAAGAGGACTCGCTGTGCTGACAATGGCCCTGCTTGGATATAGAAAACCAAACAG 544

Qy 541 CCCTACAGATGGCTATCTTACAAACAGGTGTCTGATAGAGCAGACTACCTGGTTCTGT 600
Db 545 CCCTACAGATGGCTATCTTACAAACAGGTGTCTGATAGAGCAGACTACCTGGTTCTGT 604

Qy 601 CTCTTGATAAAGGTATAAATCATCACCAGACCAGTTGTCGGCATTTGCTCAGAAT 660
Db 605 CTCTTGATAAAGGTATAAATCATCACCAGACCAGTTGTCGGCATTTGCTCAGAAT 664

Qy 661 AGGCCAGAGTGGATCATCTCGAACATTGGCTTGTACACGTACTCTATGGTAGCTGTACCT 720
Db 665 AGGCCAGAGTGGATCATCTCGAACATTGGCTTGTACACGTACTCTATGGTAGCTGTACCT 724

Qy 721 CTGTATGACACCTGGGACCAGAACGCATCGTACATATTGTCACAGGCTGATATGCC 780
Db 725 CTGTATGACACCTGGGACCAGAACGCATCGTACATATTGTCACAGGCTGATATGCC 784

Qy 781 GTGGTAGCTGTGACACACCCCCAAAGGCATTGGCTGATAGGGATGTAGAGAAAGGC 840
Db 785 ATGGTAGCTGTGACACACCCCCAAAGGCATTGGCTGATAGGGATGTAGAGAAAGGC 844

Qy 841 TTCACCCCGAGCCTGAAGGTGATCATCCTTATGGACCCCTTGATGATGACCTGAAGCAA 900

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Db 845 TTCACCCGAGCCTGAAGGTGATCATCCTTATGGACCCCTTGATGATGACCTGAAGCAA 904
 Qy 901 AGAGGGAGAAGAGTGAATTGAGATCTTATCCCTATATGATGCTGAGAACCTAGGCAA 960
 Db 905 AGAGGGAGAAGAGTGAATTGAGATCTTATCCCTATATGATGCTGAGAACCTAGGCAA 964
 Qy 961 GAGCACTTCAGAAAACCTGTGCCTCCTAGCCCAGAACGACTGAGCGTCATCTGCTTCACC 1020
 Db 965 GAGCACTTCAGAAAACCTGTGCCTCCTAGCCCAGAACGACTGAGCGTCATCTGCTTCACC 1024
 Qy 1021 AGTGGGACCACAGGTGACCCAAAGGAGCCATGATAACCCATCAAAATATGTTCAAAT 1080
 Db 1025 AGTGGGACCACAGGTGACCCAAAGGAGCCATGATAACCCATCAAAATATGTTCAAAT 1084
 Qy 1081 GCTGCTGCCCTTCTCAAATGTGTTGGAGCATGCTTATGAGCCCACTCCTGATGATGTGGCC 1140
 Db 1085 GCTGCTGCCCTTCTCAAATGTGTTGGAGCATGCTTATGAGCCCACTCCTGATGATGTGGCC 1144
 Qy 1141 ATATCCTACCTCCCTCTGGCTCATATGTTGAGAGGATTGTACAGGCTGTGTACAGC 1200
 Db 1145 ATATCCTACCTCCCTCTGGCTCATATGTTGAGAGGATTGTACAGGCTGTGTACAGC 1204
 Qy 1201 TGTGGAGCCAGAGTTGGATTCTCCAAGGGGATATTCGGTTGCTGGCTGACGACATGAAG 1260
 Db 1205 TGTGGAGCCAGAGTTGGATTCTCCAAGGGGATATTCGGTTGCTGGCTGACGACATGAAG 1264
 Qy 1261 ACTTTGAAGCCCACATTGTTCCCGCGGTGCCTCGACTCCTAACAGGATCTACGATAAG 1320
 Db 1265 ACTTTGAAGCCCACATTGTTCCCGCGGTGCCTCGACTCCTAACAGGATCTACGATAAG 1324
 Qy 1321 GTACAAAATGAGGCCAAGACACCCCTGAAGAAGTTCTTGTGAAGCTGGCTGTTCCAGT 1380
 Db 1325 GTACAAAATGAGGCCAAGACACCCCTGAAGAAGTTCTTGTGAAGCTGGCTGTTCCAGT 1384
 Qy 1381 AAATTCAAAGAGCTTCAAAAGGTATCATCAGGCATGATAGTTCTGGACAAGCTCATC 1440
 Db 1385 AAATTCAAAGAGCTTCAAAAGGTATCATCAGGCATGATAGTTCTGGACAAGCTCATC 1444
 Qy 1441 TTTGCAAAGATCCAGGACAGCCCTGGCGGAAGGGTCGTAAATTGTCAGTGGAGCTGCC 1500
 Db 1445 TTTGCAAAGATCCAGGACAGCCCTGGCGGAAGGGTCGTAAATTGTCAGTGGAGCTGCC 1504
 Qy 1501 CCCATGTCCACTTCAGTCAGTCATGACATTCTCCGGCAGCAATGGATGTCAGGTGTATGAA 1560
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 Db 1565 GCTTATGGTCAAACAGAATGCAAGGGTGGCTGTACATTACATTACCTGGGACTGGACA 1624
 Qy 1621 TCAGGTACGGTGGGGTGCCTGGCTTGCACATTACGGTGAAGCTGGAAAGATGTGGCTGAC 1680
 Db 1625 TCAGGTACGGTGGGGTGCCTGGCTTGCACATTACGGTGAAGCTGGAAAGATGTGGCTGAC 1684
 Qy 1681 ATGAACACTTTACAGTGAATAATGAAGGAGAGGTCTGCATCAAGGGTACAAACGTGTTC 1740
 Db 1685 ATGAACACTTTACAGTGAATAATGAAGGAGAGGTCTGCATCAAGGGTACAAACGTGTTC 1744
 Qy 1741 AAAGGATACCTGAAGGACCCCTGAGAACAGAACAGGAAGGCCCTGGACAGTGTGGCTGGCTT 1800
 Db 1745 AAAGGATACCTGAAGGACCCCTGAGAACAGAACAGGAAGGCCCTGGACAGTGTGGCTGGCTT 1804
 Qy 1801 CACACAGGAGACATTGGTCGCTGGCTCCGAATGGAACCTCTGAGAGATCATCGACCGTAAA 1860
 Db 1805 CACACAGGAGACATTGGTCGCTGGCTCCGAATGGAACCTCTGAGAGATCATCGACCGTAAA 1864
 Qy 1861 AAGAACATTTCAGGCTGGCCCAAGGAGAACATTCAGGCTGGCTGGCTGGCTT 1920

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Db	1865 AAGAACATTTCAGCTGGCCAAAGGAGAATACATTGCACCAAGAGAGATAAGAAAATATC	1924
Qy	1921 TACAACAGGAGTCACCAGTGTACAAATTGGTACACGGGAGAGCTTACGGTCATCC	1980
Db	1925 TACAACAGGAGTCACCAGTGTACAAATTGGTACACGGGAGAGCTTACGGTCATCC	1984
Qy	1981 TTAGTAGGAGTGGTGGTCCCTGACACAGATGTACTCCCTCATTTGAGCCAAGCTTGGG	2040
Db	1985 TTAGTAGGAGTGGTGGTCCCTGACACAGATGTACTCCCTCATTTGAGCCAAGCTTGGG	2044
Qy	2041 GTGAAGGGCTCCTTGAGGAACGTGCAAAACCAAGTTGTAAGGGAGCCATTAGAA	2100
Db	2045 GTGAAGGGCTCCTTGAGGAACGTGCAAAACCAAGTTGTAAGGGAGCCATTAGAA	2104
Qy	2101 GACTTGAGAAAATTGGAAAGAAAGTGGCCTAAACATTGAAACAGGTCAAAGCCATT	2160
Db	2105 GACTTGAGAAAATTGGAAAGAAAGTGGCCTAAACATTGAAACAGGTCAAAGCCATT	2164
Qy	2161 TTTCTTCATCCAGAGCCATTTCATTGAAAATGGCTCTTGACACCAACATTGAAAGCA	2220
Db	2165 TTTCTTCATCCAGAGCCATTTCATTGAAAATGGCTCTTGACACCAACATTGAAAGCA	2224
Qy	2221 AAGCGAGGAGAGCTTCCAAATACTTTCGGACCCATTGACAGCCTGTATGAGCACATC	2280
Db	2225 AAGCGAGGAGAGCTTCCAAATACTTTCGGACCCATTGACAGCCTGTATGAGCACATC	2284
Qy	2281 CAGGATTAGGATAAGGTACTTAAGTACCTGCCGGCCACTGTGCACTGCTGTGAGAAA	2340
Db	2285 CAGGATTAGGATAAGGTACTTAAGTACCTGCCGGCCACTGTGCACTGCTGTGAGAAA	2344
Qy	2341 TGGATTAAAAATCTTACATTGTTGCCTTCCCTATTTTTTTAACCTGTT	2400
Db	2345 TGGATTAAAAATCTTACATTGTTGCCTTCCCTATTTTTTTAACCTGTT	2404
Qy	2401 AAACTCTAAAGCCATAGCTTTGTTTATATTGAGACATATAATGTGAAACTTAGTTCC	2460
Db	2405 AAACTCTAAAGCCATAGCTTTGTTTATATTGAGACATATAATGTGAAACTTAGTTCC	2464
Qy	2461 CAAATAATCAATCCTGTCTTCCCATCTCGATGTTGCTAATATTAGGCTTCAGGGCT	2520
Db	2465 CAAATAATCAATCCTGTCTTCCCATCTCGATGTTGCTAATATTAGGCTTCAGGGCT	2524
Qy	2521 ACTTTATCAACATGCCGTCTCAAGATCCCAGTTATGTTCTGTGTCCTTCATGA	2580
Db	2525 ACTTTATCAACATGCCGTCTCAAGATCCCAGTTATGTTCTGTGTCCTTCATGA	2584
Qy	2581 TTTCCAACCTTAATACTATTAGTAACCACAAGTCAAGGGTCAAAGGGACCCCTGTGCC	2640
Db	2585 TTTCCAACCTTAATACTATTAGTAACCACAAGTCAAGGGTCAAAGGGACCCCTGTGCC	2644
Qy	2641 TTCTCTTGTGTTGATAAAACATAACTTGCAACAGTCTCTATGCTTATTTACATCTT	2700
Db	2645 TTCTCTTGTGTTGATAAAACATAACTTGCAACAGTCTCTATGCTTATTTACATCTT	2704
Qy	2701 CTACTGTTCAAACATAAGAGATTTAAATTCTGAAAAACTGCTTACAATTGTTCT	2760
Db	2705 CTACTGTTCAAACATAAGAGATTTAAATTCTGAAAAACTGCTTACAATTGTTCT	2764
Qy	2761 AGCCACTCCACAAACCACTAAATTAGTTAGCTTACACTCATGTCAATCATATCT	2820
Db	2765 AGCCACTCCACAAACCACTAAATTAGTTAGCTTACACTCATGTCAATCATATCT	2824
Qy	2821 ATGAGACAAATGTCICCGATGCTCTCGTAAATTAAATTGTTACTGAAGGGAAAAG	2880
Db	2825 ATGAGACAAATGTCICCGATGCTCTCGTAAATTAAATTGTTACTGAAGGGAAAAG	2884

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Qy	2881	TTTGATCATACCAAAACATTCTAAACTCTAGTTAGATATCTGACTTGGGAGTATTAA	2940
Db	2885	TTTGATCATACCAAAACATTCTAAACTCTAGTTAGATATCTGACTTGGGAGTATTAA	2944
Qy	2941	AAATTGGGTCTATGACATACTGTCCAAAAGGAATGCTGTTCTAAAGCATTATTTACAGT	3000
Db	2945	AAATTGGGTCTATGACATACTGTCCAAAAGGAATGCTGTTCTAAAGCATTATTTACAGT	3004
Qy	3001	AGGAACATGGGGAGTAAATCTGTTCCCTACAGTTGCTGCTGAGCTGGAAGCTGTGGGGGA	3060
Db	3005	AGGAACATGGGGAGTAAATCTGTTCCCTACAGTTGCTGCTGAGCTGGAAGCTGTGGGGGA	3064
Qy	3061	AGGAGTTGACAGGTGGGCCAGTGAACCTTCCAGTAAATGAAGCAAGCACTGAATAAAA	3120
Db	3065	AGGAGTTGACAGGTGGGCCAGTGAACCTTCCAGTAAATGAAGCAAGCACTGAATAAAA	3124
Qy	3121	ACCTCTGAACCTGGAAACAAAGATCTACAGGCAAGCAAGATGCCACACAACAGGCTTAT	3180
Db	3125	ACCTCTGAACCTGGAAACAAAGATCTACAGGCAAGCAAGATGCCACACAACAGGCTTAT	3184
Qy	3181	TTTCTGTGAAGGAACCAACTGATCTCCCCCACCCCTGGATTAGAGTTCTGCTCTACCTT	3240
Db	3185	TTTCTGTGAAGGAACCAACTGATCTCCCCCACCCCTGGATTAGAGTTCTGCTCTACCTT	3244
Qy	3241	ACCCACAGATAAACACATGTTGTTCTACTTGTAATGTAAAGTCTTAAATAAACTATT	3300
Db	3245	ACCCACAGATAAACACATGTTGTTCTACTTGTAATGTAAAGTCTTAAATAAACTATT	3304
Qy	3301	ACAGATAAAAAAA	3312
Db	3305	ACAGATAAAAAAA	3316